

**MOLECULAR SYSTEMATICS AND MORPHOLOGY:  
CONFLICTS AND SOME SOLUTIONS**

(26 August, 09h00-12h00, Room 1)

**Chairpersons:** Hans Klompen (Ohio State University, Columbus-OH, USA) / Pavel Klimov (University of Michigan, Ann Arbor-MI, USA)

**09h00–09h30: A CRITICAL REVIEW OF SOME CLOSELY RELATED SPECIES OF *Tetranychus* SENSU STRICTO TUTTLE & BAKER (1968) (PROSTIGMATA: TETRANYCHIDAE) IN THE PUBLIC DNA SEQUENCES DATABASE**

R.S. de Mendonça, D. Navia, I.R. Diniz, P. Auger & M. Navajas

**Speaker:** Renata Santos de Mendonça - EMBRAPA/CENARGEN, Brasília-DF, Brazil

**09h30–10h00: MOLECULES, DEVELOPMENT AND SEGMENTS IN BASAL PARASITIFORMES**

H. Klompen

**Speaker:** Hans Klompen - Ohio State University, Columbus-OH, USA

**10h00–10h30: *Amblyomma cajennense*: A CASE OF NOT TOO CRYPTIC SPECIATION**

L. Beati

**Speaker:** Lorenza Beati - Institute of Arthropodology and Parasitology, Georgia Southern University, Statesboro-GA, USA

**10h30–10h45:** Coffee Break

**10h45-11h10: THE EUROPEAN SCUTOVERTICIDAE (ACARI: ORIBATIDA): A COMBINED APPROACH OF MOLECULAR GENETICS AND VARIOUS MORPHOLOGICAL INVESTIGATIONS REVEALS PARAPHYLY OF THE GENUS *Scutovertex***

T. Pfingstl, S. Schäffer & G. Krisper

**Speaker:** Tobias Pfingstl - Karl-Franzens-University Graz, Graz, Austria

**11h10-11h35: PLACING ENDEOSTIGMATA AND ASTIGMATA IN THE ACARIFORM TREE OF LIFE USING FIVE NUCLEAR GENES**

P.B. Klimov

**Speaker:** Pavel Klimov - University of Michigan, Ann Arbor-MI, USA

**11h35–12h00: GOODBYE ACARI: MOLECULAR DATA SUPPORT THE DIPHYLETIC ORIGIN OF MITES**

J. Dabert, R.A. Norton & M. Dabert

**Speaker:** Jacek Dabert - Adam Mickiewicz University, Poznan, Poland